

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
17 February 2005 (17.02.2005)

PCT

(10) International Publication Number
WO 2005/014031 A1

(51) International Patent Classification⁷: A61K 38/23, 9/28, 47/16, A61P 19/08 [GB/US]; 4 Farrington Lane, Randolph, NJ 07869 (US).
LI, Shoufeng [CN/US]; 2108 Ackmen Court, Bridgewater, NJ 08807 (US).

(21) International Application Number: PCT/EP2004/008210 (74) Agent: GRUBB, Phillip; Novartis AG, Corporate Intellectual Property, CH-4002 Basel (CH).

(22) International Filing Date: 22 July 2004 (22.07.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: 60/489,400 23 July 2003 (23.07.2003) US

(71) Applicant (for all designated States except AT, US): NOVARTIS AG [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).

(71) Applicant (for AT only): NOVARTIS PHARMA GMBH [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).

(71) Applicant (for all designated States except US): NORDIC BIOSCIENCE A/S [DK/DK]; Herlev Hovedgade 207, DK-2730 Herlev (DK).

(72) Inventors; and

(75) Inventors/Applicants (for US only): AZRIA, Moise [CH/CH]; Bundesplatz 6, CH-4054 Basel (CH). CHRISTIANSEN, Claus [DK/DK]; Skodsborg Strandvej 300, 2942 Skodsborg (DK). BATEMAN, Simon, David

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2005/014031 A1

(54) Title: USE OF CALCITONIN IN OSTEOARTHRITIS

(57) Abstract: The present invention relates to a novel use of calcitonin in osteoarthritis, and to methods of treating and/or preventing osteoarthritis in mammals, particularly humans.